

REMARKS

Initially, in the Office Action dated April 10, 2003 the Examiner rejects claims 1-12, 14-15, and 17-20 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,199,082 (Ferrel et al.). Claims 13 and 16 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Ferrel et al. in view of U.S. Patent No. 6,321,242 (Fogg et al.).

By the present response, Applicants have amended claims 1, 7 and 17-20 to further clarify the invention. Claims 1-20 remain pending in the present application.

35 U.S.C. §103 Rejections

Claims 1-12, 14, 15 and 17-20 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Ferrel et al. Applicants respectfully traverse these rejections.

Ferrel et al. discloses a multimedia publishing system where the format and content can be separated and uploaded to a server by a publisher. As content changes on a regular basis, the publisher uploads only the new content to the server. When clients or customers access the server's content, the server downloads the format and content to the user's computer. Subsequent downloads of content transmits only the content since the format is cached on the customer's computer after the first download. If the publisher desires to change the format at a subsequent time, the next download of content by the customer downloads both the new layout format and the new content.

Regarding claims 1, 7 and 17-20, Applicants submit that Ferrel et al. does not disclose, suggest or render obvious the limitations in the combination of each of

these claims of, inter alia, updating relationship data indicating relationship between an entity structure and a logical structure of a registered document by updating the logical structure of the registered document corresponding to the updated entity structure of the registered document or by use of the generated partial relationship data. Ferrel et al. discloses the contents (entity structure) being independent from the design (logical structure). Ferrel et al. does not disclose or suggest relationship data indicating the relationship between an entity structure and a logical structure of the documents, as recited in the claims of the present application. Moreover, Ferrel et al. does not disclose or suggest updating the relationship data of the documents based on the partial relationship data of the updated content, as recited in the claims of the present application. The portions of Ferrel et al. cited by the Examiner do not disclose or suggest these limitations in the claims of the present application. Ferrel et al. merely discloses that the format and content can be updated individually from each other. Ferrel et al. does not disclose anything related to maintaining or updating the relationship between the format and the contents.

Regarding claims 2-6, 8-12, 14 and 15, Applicants submit that these claims are dependent on one of independent claims 1 and 7 and, therefore, are patentable at least for the same reasons noted regarding these independent claims.

Accordingly, Applicants submit that Ferrel et al. does not disclose, suggest or render obvious the limitations in the combination of each of claims 1-12, 14, 15 and 17-20 of the present application. Applicants respectfully request that these rejections be withdrawn and that these claims be allowed.

Claims 13 and 16 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Ferrel et al. in view of Fogg et al. Applicants respectfully traverse these rejections.

Fogg et al. discloses re-linking technology for a moving website where hyperlinks that exist in an online document can be automatically updated (re-linked) when the location of the document to which a link points changes. The administrator of the online document is notified by e-mail when a link destination pointed to by that document has changed. Comparison of the old document content to the new content, if any, is used to facilitate a determination whether to automatically re-link or remove the appropriate hyperlink.

Applicants submit that claims 13 and 16 are dependent on independent claim 1 and, therefore, are patentable at least for the same reasons noted previously regarding this independent claim. Applicants submit that Fogg et al. does not overcome the substantial defects noted previously regarding Ferrel et al. Accordingly, Applicants submit that neither Ferrel et al. nor Fogg et al., taken alone or in any proper combination, disclose, suggest or render obvious the limitations in the combination of each of claims 13 and 16 of the present application. Applicants respectfully request that these rejections be withdrawn and that these claims be allowed.

In view of the foregoing amendments and remarks, Applicants submit that claims 1-20 are now in condition for allowance. Accordingly, early allowance of such claims is respectfully requested.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (referencing 500.38010X00).

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



Frederick D. Bailey
Registration No. 42,282

FDB/sdb
(703) 312-6600